

The electrothermodiffusional method in a flat set-up. Bogdan Baranowski and Andrzej Kulejki (Polish Acad. Sci., Warsaw). Roczniki Chemii, 32, 689-699 (1958) (English summary).—The elec. thermodiffusional method applied heretofore in a cylindrical system for detas. of Soret coeff. (C.A. 52, 6897g) is proposed for a flat set-up, useful for practical applications. The soln. to be sepd. should be placed between 2 parallel, flat walls, consisting of thin sheets of an insulator, with electrodes at the upper and lower ends of the walls. A general phenomenological theory is worked out for such system. The temp. gradient is given by: $dT/dz = -(\lambda M z_0 / 2bh\lambda) - [(\sin A \cdot t) / \sin A]$. The max. temp. difference is given by: $\Delta T = \lambda M z_0 (1 - \cos A) / (2bhA \sin A)$. The convection velocity is expressed as: $v = B(\cos At - \cos A + \gamma / (\cos A - (\sin A / A)) (1 - t^2))$, where $A^2 = \lambda U_{\text{cond}} / h^2$ and $B = \lambda M \rho g c / 2bh \sin A$. The general flow equation is solved for initial and boundary conditions with the use of function G defined as $(\partial v / \partial y)G(z, y) = J_y = -(D/z_0)(\partial n / \partial t) + (D'^2 \Delta n / z_0)$. In the equations, x , y , z are the geometrical co-

ordinates, $2z_0$ is distance between the walls, A and b are the height and breadth of the walls, V is reservoir vol., β is temp. β is thermal cond. of the liquid, λ is elec. equiv. of heat, U is effective voltage applied to the working vol., ρ is specific cond., M is current power, γ is viscosity coeff., g is gravitation, ρ is d., n is concn., t is time, J is flux vector, m is the mass passing per unit time, D and D' are coeffs. of thermal and ordinary diffusion, $t = z/z_0$, and $c = (1/a)(dc/dt)$. These equations can be simplified by neglecting the dependence of elec. cond. on temp. The changes of concn. in the reservoirs, expressed for the case $c = 0$, only, are given by: $n_1/n_0 = [1 + \tanh \alpha(1 - e^{-\gamma t^{1/2}})] / [1 - \tanh \alpha(1 - e^{-\gamma t^{1/2}})]$, where n_0 and n_1 are the concns. in the upper and lower container, resp., and $\alpha = 155003AD'/v/1230z_0^2\rho$, and $\gamma = 8b\lambda D'(M)^2\rho g p / 1575 V D^2$. The results obtained were compared with those of the thermogravitational method, showing a much better sepn. by the elec. thermodiffusional method.

A. Kulejki

FULINSKI, A.

SCIENCE

PERIODICAL: ROCZNIKI CHEMII, Vol. 32, No. 4, 1958

FULINSKI, A. Stationary electrolysis in systems without convection. I

Thermodynamic theory. p. 863

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass

Andrzej Polanski

7
5

Stationary electrolysis in systems without convection.
I. Thermodynamical theory. By Bogdan Baranowski and
Andrzej Polanski (Polish Acad. Sci., Warsaw). Roczniki
Chem. 32, 871-88 (1958) (English summary).—The station-
ary state was considered from the point of view of thermo-
dynamics of irreversible processes for a liquid soln. of N
components (ions and uncharged mols.) placed between
parallel electrodes reversible to one ion. An external poten-
tial was applied to these electrodes, making natural con-
vection impossible and leading to concn. gradients. Equa-
tions obtained are of fundamental importance for the theory
of elec.-gravitational sepn. (C.A. 52, 19583c), for they give
the initial equations for detg. the course of changes of concn.

and of the limiting c. d. Some special cases, as dil. and
ideal solns., are discussed. The equation for c.d. in a binary
ideal soln. is analogous to that derived by Murphy (C.A.
48, 1800). The theory postulates the possibility of sepn. of
neutral components, which follows from purely thermody-
namic or kinetic reasons. A. Kreglewski

94
95

BARANOWSKI, B.; FULINSKI, A.

Mass and energy transfer in a polythermic many-component two-phase system. Bul.Ac.Pol.chim. 7 no.12:911-916 '59. (KRAI 9:5)

1. Institute of Physical Chemistry, Polish Academy of Sciences.
(Systems (Chemistry))

FULINSKI, A.

✓ Transfer of mass in an isothermal multicomponent (two-phase system, as described by the thermodynamics of irreversible processes. B. Baranowski and A. Fulinski (Inst. Chem. Fizycznej P. A. N., Warsaw). *Bull. Acad. polon. sci., Ser. sci., Chim., geol. et geograph.* 7, 627-62 (1959) (in English).—Phenomenological equations are derived for a 2-phase isothermal-isobaric system with no chem. reactions. Besides the terms describing the equil. partition, new "kinetic" terms appear in stationary states. J. Steckl

47

1/1
71

FULINCKI, Andrzej

Thermodynamic theory of electrochemical corrosion. I. Several simultaneous cathodic semireactions and one anodic semireaction.
Rocznik chemii 34 no.2: 513-527 '60. (EEAI 10:1)

1. Instytut Chemii Fizycznej Polskiej Akademii Nauk, Warszawa
(Cathodes) (Electrochemistry)
(Electrolytic corrosion) (Anodes)

BARANCKSKI, Bogdan; FULINSKI, Andrzej

Electrogravitational enrichment of water solutions of cupric sulfate
at a small distance between electrodes. Rocznik chemii 34 no.2: 587-600
'60. (EEAI 10:1)

1. Instytut Chemii Fizycznej Polskiej Akademii Nauk, Warszawa.
(Copper sulfate) (Water) (Solutions)

FULINSKI, Andrzej

Thermodynamic theory of electrochemical corrosion. II. Several simultaneous anodic and cathodic semireactions. Rocznik chemii 34
no.2:655-667 '60. (EEAI 10:1)

1. Instytut Chemii Fizycznej Polskiej Akademii Nauk, Warszawa.
(Anodes) (Electrochemistry)
(Electrolytic corrosion) (Cathodes)

FULINSKI, Andrzej

Electrolysis in systems without convection. II. Phenomenological theory of the nonstationary process. Rocznik chemii 34 no.3/4:1077-1088 '60.
(EEAI 10:3)

1. Institute of Physical Chemistry, Polish Academy of Science,
Warszawa.
(Electrolysis)

BARANOWSKI, Bogdan; FULINSKI, Andrzej

Thermodynamics of irreversible processes of two-phase systems. I. Iso-
thermal manycomponent systems without chemical reactions. Rocznik chemii
35 no.4:1103-1116 '61.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw.

S/081/63/000/001/027/061
B144/B186

AUTHOR:

Fulinski, Andrzej

TITLE:

Electrogravitational separation measurements for large gaps
between the electrodes

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 1, 1963, 98, abstract
1B686 (Roczn. chem. v. 35, no. 5, 1961, 1351-1362 [Eng.;
summaries in Pol. and Russ.])

TEXT: In continuation of previous studies (RZhKhim, 1961, 7B596), the electrogravitational separation was measured in the case of the gap between the electrodes being greater than the total thickness of the anodic and cathodic diffusion layers. CuSO_4 , $\text{ZnSO}_4 + \text{CuSO}_4$ and CdSO_4 solutions were studied with Cu or Cd electrodes. The enrichment of the near-electrode layer increases with increased concentration and constant current density and is independent of the gap between the electrodes. Comparison of the results with the theory shows that the experimental values of the enrichment are usually higher than those calculated, which is explained by the approximation character of the theory. The possi-

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Electrogravitational separation ...

S/081/63/000/001/027/061
B144/B186

bilities and advantages are discussed of applying electrogravitational separation to the enrichment of dilute solutions. [Abstracter's note:
Complete translation.]

Cont 2/2

BARANOWSKI, Bogdan; FULINSKI, Andrzej

Thermodynamics of two-phase irreversible processes. II. Polythermic
manycomponent systems without chemical reactions. Rocznik chemii 35 no.5:
1459-1476 '61.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw.

FULINSKI, Andrzej

Inelastic scattering of slow neutrons and the behavior of a
single particle in the many-particle scattering system.
Acta physica Pol 22 no.5:399-407 N '62.

1. Institute of Nuclear Physics, Krakow-Bronowice.

FULINSKI, Andrzej

Statistical and thermodynamical description of correlated
systems. Pt.1. Acta physica Pol 23 no.1:93-99 Ja '63.

1. Department of Theoretical Chemistry, Jagellonian University,
Krakow.

FULINSKI, Andrzej

Statistical and thermodynamical description of correlated systems.
Pt. 2. Acta physica Pol 23 no.2:159-165 F '63.

1. Department of Theoretical Chemistry, Jagellonian University,
Krakow.

FULINSKI, Andrzej

Statistical and thermodynamic description of correlated systems.
Pt. 3. Acta physica Pol 23 no.6:773-781 Je '63.

1. Department of Theoretical Chemistry, Jagellonian University,
Krakow.

FULINSKI, Andrzej

Statistical and thermodynamical description of correlated systems. Pts.4-5. Acta physica Pol 24 no.2:143-164 Ag '63.

1. Department of Theoretical Chemistry, Jagellonian University,
Krakow.

SEARCHED

ACCESSION NR: AP4040385

P/0043/64/025/004/0563/0573

AUTHOR: Fulinski, A.

TITLE: On the intermediate representation in the thermodynamics of irreversible processes

SOURCE: Acta physica polonica, v. 25, no. 4, 1964, 365-373

TOPIC TAGS: irreversible process, irreversible process intermediate representation, irreversible process phenomenological equation, phenomenological coefficient, phenomenological coefficient matrix

ABSTRACT: The properties of intermediate representation in the thermodynamics of irreversible processes are described in detail. In this representation n forces and $(n - m)$ fluxes are selected as n independent variables and the remaining $(n - m)$ forces and m fluxes as linear functions of the first n ones. Denoting independent variables by Y and dependent ones by Z , the phenomenological equation is written as $|Z> = M|Y>$, where M is the matrix of

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ACCESSION NR: AP4040385

phenomenological coefficients, $Z_i = \sum_k M_{ik} Y_k$, and $|>$ denotes a one-column matrix; that is,

$$\langle Z \rangle = || J_1 \dots J_m X_{m+1} \dots X_n ||$$

$$\langle Y \rangle = || X_1 \dots X_m J_{m+1} \dots J_n ||,$$

where J_k are the fluxes and X_k the forces. On investigating the symmetry properties, physical meaning, and transformation properties of this representation, it was found that the matrix H consists of four submatrices: two symmetric square submatrices H^{MM} and H^{UU} of order $(m \times m)$ and $(n - m) \times (n - m)$ respectively, and of two mutually antisymmetric rectangular matrices H^{MU} and H^{UM} of order $(m \times (n - m))$ and $((n - m) \times m)$ respectively. The symmetry properties for the matrix H are: $H^{MM} = (H^{MM})^T$, $H^{UU} = (H^{UU})^T$, $H^{MU} = -(H^{UM})^T$, i.e., the whole matrix H is not symmetric. For the physical meaning it is shown that the submatrix H^{MM} shares the physical character of the admittance (conductivity matrix), the submatrix H^{UU} shares the

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ACCESSION NR: AP4040385

physical character of the resistance matrix whereas submatrices M^{yy} and M^{yy} have no definite physical character as being the products of factors of the resistance and conductivity type. It is also shown that the transformation of Coleman and Truesdell, given in 1960, 28 is a special case of intermediate representation. Orig.

ASSOCIATION: Katedra chemii teoretycznej UJ, Krakow (Department of Theoretical Chemistry, Jagellonian University)

SUBMITTED 18Oct63

SUB CODE: GC1

DATE ACQ: 18Jun64

ENCL: 00

NO REF Sov: 000

OTHER: 006

Card 3/3

FULINSKI, A.

Statistical mechanical evaluation of the slow neutron scattering
function. Acta physica Pol 26 no.1:19-30 Jl 1964.

1. Department of Theoretical Chemistry, Jagiellonian University,
Krakow.

FULINSKI, Andrzej

Statistical-mechanical theory of incoherent Van Hove's Scattering function for thermodynamic systems. Acta physica Pol 27 no.2; 245-258 F '65.

1. Department of Theoretical Chemistry of the Jagiellonian University, Krakow. Submitted May 8, 1964.

1 64649-65 EWT(1)/EWG(m)/ETC(m) JW

ACCESSION NR: AP5009955

PO/0045/65/027/002/0245/0258

AUTHOR: Fulinski, Andrzej (Krakow)

TITLE: Statistical-mechanical theory of incoherent Van Hove scattering function
for thermodynamic systems

SOURCE: Acta physica polonica, v. 27, no. 2, 1965, 245-258

TOPIC TAGS: incoherent scattering, Van Hove scattering function, thermodynamics,
neutron scattering, perturbation theory

ABSTRACT: Using the so-called second quantization formalism, the incoherent scattering function $S_{\text{inc}}(Q, \omega)$ is found to be related (in some energy range) in a simple way to the average occupation numbers $\langle N(p) \rangle$ (being M.-B., F.-D., or B.-E. distributions for non-ideal systems of interacting particles). This gives the possibility of determining $\langle N(p) \rangle$ from incoherent scattering experiment, especially, from slow neutron scattering by thermodynamic systems, and, on the other hand, permits calculating the scattering function using, e.g., the (temperature-dependent) perturbation theory. It is found, among other things, that the coherent part of scattering tends towards zero for ideal Boltzmann systems. It is, however, no

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L 64642-65

ACCESSION NR: AP5009955

longer valid for ideal quantum systems. The perturbational corrections are given for Boltzmann systems and it is found that the interaction between the particles of the scattering system can cause a decrease in the cross section. The perturbational corrections depend on the proper form of the potential of interaction between particles of the scatterer. Orig. art. has: 47 formulas.

ASSOCIATION: Department of Theoretical Chemistry, Jagellonian University, Cracow

SUBMITTED: 08May64

ENCL: CO

SUB CODE: NP, TD

NO REF Sov: 000

OTHER: 018

Am
Card 2/2

L 45368-66 IJP(c) AT

ACC NR: AP6026999

SOURCE CODE: PO/0045/66/029/005/0679/0690

AUTHOR: Fujita, S.; Fulinski, A.35
34
BORG: * [Fujita] Department of Physics, The University of Oregon, Eugene, Oregon,
USA; [Fulinski] Department of Theoretical Chemistry, Jagellonian University,
Cracow

TITLE: Connected diagrammatic expansion in nonequilibrium statistical mechanics

SOURCE: Acta physica polonica, v. 29, no. 5, 1966, 679-690

TOPIC TAGS: nonequilibrium mechanics, nonequilibrium statistics, noninteracting
electron, electromagnetic fieldABSTRACT: The diagonal singularity condition of Van Hove (Van Hove, L. Physica,
21, 517(1955) and 23, 441(1957) is examined for a system of noninteracting electrons in
an impurity field. It is found that this condition is closely related to the spatial
localization of interaction processes. The authors propose for nonequilibrium prob-
lems, a connected diagrammatic expansion whose validity rests directly on the local-
ization property of interaction processes. The expansion is developed independently

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47300-00

ACC NR: AP6026999

of any representation and is suited for dealing with uniform or nonuniform systems under the influence of electromagnetic fields. The authors wish to express their sincere thanks to Professor I. Prigogine for his enlightening criticism. They wish to thank Drs. P. Resibois and R. J. Swenson and Mr. F. Mayne for valuable discussions. Author Fujita wishes to thank Professor W. Thirring, the Director of the Institute for Theoretical Physics, University of Vienna, for his kind hospitality. Author Fulinski wishes to thank the Belgian Government for the "bourse de recherche".
[Author's abstract.] [KS]

SUB CODE: 20/ SUBM DATE: 03Dec65/ OTH REF: 015/

Card 2/2 *aurm*

L 45370-66 T/EWP(k)
ACC NR: AP6027000

SOURCE CODE: PO/0045/66/029/005/0691/0697

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B

AUTHOR: Fulinski, A.

ORG: Department of Theoretical Chemistry, Jagellonian University, Cracow

TITLE: Total scattering cross section of slow neutrons in an acoustical field

SOURCE: Acta physica polonica, v. 29, no. 5, 1966, 691-697

TOPIC TAGS: slow neutron, neutron scattering, acoustic field, scattering cross section

ABSTRACT: The total cross section for the scattering of slow neutrons by systems in an acoustical (ultrasonic) field is calculated. It is found that the action of the field alters particular features of the cross section as a function of the initial energy of neutrons. As an example, the cross section for an ideal-gas scatterer is calculated, and it is found that the scatterer in the presence of the field cuts off the low-energy part of the incident neutron beam. The possibilities of using other

Card 1/2

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513910005-7

L 45370-66

ACC NR: AP6027000

0

than an acoustical oscillating field are also mentioned. However, in order to obtain observable effects, strong fields are needed. Orig. art. has: 1 figure and 3 formulas. [Author's abstract] [KS]

SUB CODE: 20/ SUBM DATE: 05Dec65/ ORIG REF: 001/ OTH REF: 002/

Card 2/2 *all in*

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513910005-7"

FULJNSKI, Wojciech

New circuits for differential compensation testing of potential
transformers. Rozpr elektrotech 10 no.3:259-306 '64

I. Department of Electric Measurements, Technical University,
Wroclaw.

FUL'KA, Iozef [Fulka, Josef]; MATOUSHEV, Iozef [Mataushek, Josef]; NOVOTNY, Stanislav [Novotny, Stanislav]

Studies and practices in artificial insemination of animals
in Czechoslovakia. Zhivotnovodstvo 23 no.7:87-91 Jl '61.
(MIRA 16:2)

1. Akademiya sel'skokhozyaystvennykh nauk Chekhoslovatskoy
Sotsialisticheskoy Respubliky, laboratoriya biologii
razmnozheniya.
(Czechoslovakia--Artificial insemination)

CZECHOSLOVAKIA/Farm Animals. General Problems

Q-1

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 35598

Author : Fulka J.

Inst : Not Given

Title : The Preservation of Semen by Means of Deep-Freezing and the Utilization of this Method under Practical Conditions

Orig Pub : Nas chov, 1957, No 16, 445

Abstract : To the diluted semen at a temperature of +7° to +8°, glycerine is added 3-4 times with intervals of 15-20 min., until a concentration of 8-10% is reached. The mixture is allowed to stand for 12-18 hours at a temperature of +5°, and then it is slowly frozen by means of alcohol and dry ice. In the cooling process, from +5° down to -15°, the ratio of the decrease of temperature should be 1°-2° per one min., and from -15° to -79°, the ratio should be 5°. The defrosting of semen before using it must be effected as rapidly as possible, in water, at a temperature of 36°-39°. The experiments in the use of this method, carried out at one of the A.B. stations in Czechoslovakia, produced good results.

Card : 1/1

1951, p.

"Results of the research on artificial insemination and on the influence of the insemination of domestic animals."

1953 ("Ovnik, J. in: Mechanizace a elektronika v zemědělství, Vol. 5, No. 2, 1953, p. 16, Praha, Czechoslovakia")

Monthly Index of West German Accession ("WII"), Vol. 1, No. 1, 1950

FULKA, J.

"Some problems concerning the biology of propagation and insemination
of domestic animals." p. 171.

VESTNIK. Praha, Czechoslovakia, Vol. 6, No. 3, 1959

Monthly list of East European Accession Index (EEIA), Library of Congress,
Vol. 8, No. 7, July, 1959, Unclassified

L 13462-66

ACC NR: AP6006018

SOURCE CODE: CZ/0053/65/014/001/0280/0280

AUTHOR: Klen, R.; Fulka, J.

1B

ORG: Central Tissue Laboratory, Faculty Hospital, KUNZ, Hradec Kralove (KUNZ Fakultni nemocnice - Tkanova ustredna); Laboratory of Physiology and Genetics of Animals CSAZV, Libechov (CSAZV - laborator fysiologie a genetiky zivocichu)

TITLE: Application of pressure in the conservative of semen by freezing [This paper was presented during Biophysical Days, Brno, 12 Jun 64.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 280

TOPIC TAGS: biologic reproduction, animal physiology

ABSTRACT: Study of bull spermatozoa freezing aiming to utilize the role of changes in pressure to optimize the equilibrium ice: steam indicates that the best pressure in 1000 atmospheres at temperature of -65° C. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 HW

CZECHOSLOVAKIA

VALINTA, M.; FVLKA, J.; JELINEK, S.; Laboratory of Physiology and of Genetics, Czechoslovak Academy of Sciences (Laborator Fysiologie a Genetiky CSAV), Libechov.

"The Influence of Testicular Desoxyribonucleoproteins on Spermatogenesis."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 391

Abstract: Antispermatic activity of desoxyribonucleic acids (DNA) and desoxyribonucleoproteins (DNAP) isolated from testicles of adult bulls, boars and rabbits was tested. Injection of 40 mg of DNAP introduced into testicles reduced the size and weight of the testicles to 1/3 of the original size in 2 to 3 weeks. Sexual activity was not influenced. The spermatozoa of such males were pathologically altered. Injection of 30 mg of DNA did not influence the testicles. 3 Western, references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice 10 Dec 65.

FULLER, F.

FULLER, F. Let us increase the number of number of universal tractors. p. 1.

Vol. 11, no. 11, June 1956

MAGYAR MEZOGAZDASAG

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

ORIGIN:	: Poland	S-14
CATEGORY:	: Physical Chemistry--Electrochemistry.	
ABSTRACT NO.:	: RZhKhim., No. 16 1959, No.	56543
AUTHOR:	: Baranowski, S. and Fulinski, A.	
INST.	: Not given	
TITLE:	: Steady-State Electrolysis in Convection-Free Systems. I. Thermodynamic Theory.	
ORIG. PUB.:	: Roczniki Chem., 32, No 4, 671-685 (1953)	
ABSTRACT:	: The authors have continued the development of the theory of electrogravimetric separation (RZhKhim., No 10, 1953, 51357; No 5, 1959, 7653). For the determination of the coefficients in the theoretical equations proposed earlier, the authors have derived differential equations for the concentration gradients and for the current density in an equilibrium multicomponent liquid system placed between two flat horizontal electrodes which are reversible with respect to one	

CARD: 1/5

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COUNTRY :	Poland	B-12
CATEGORY :		
ABS. JOUR. :	RZhKhim., No. 16 1959, No.	56523
AUTHOR :		
INST. :		
TITLE :		
ORIG. PUB. :		
ABSTRACT :	<p>of the ions present in solution. The polarity of the potential applied to the electrodes is selected so as to exclude the possibility of natural convection in the system. The derivation makes use of equations proposed earlier (RZhKhim., No 18, 1956, 57608). A number of special cases are discussed: dilute solutions, ideal solutions, solutions containing a limited number of ions, etc. The possibility of carrying out an electro-gravitational separation of uncharged substances</p>	
CARD:	2/3	

CATEGORY :		B-12
ABS. JOUR. :	RZhKhim., No. 16 1959, No.	56523
AUTHOR :		
INST. :		
TITLE :		
ORIG. PUB. :		
ABSTRACT :	<p>in solutions containing as little as one substance capable of reacting at the electrodes has been established. Such a separation is made possible by the nonideal nature of the solution or by high concentrations as well as by selective solvation.</p>	
	S. Kaplan	
CARD:	3/3	

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000513910005-7

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000513910005-7"

SOV/130-58-6-7/20

AUTHORS: Ful'makht, V.V., Kan, Ye.M. and Chumichev, A.G., Engineers

TITLE: The Largest Installation in the World for the Continuous Casting of Steel (Samaya krupnaya v mire ustanovka nepreryvnoy razlivki stali)

PERIODICAL: Metallurg, 1958, Nr 6, pp 15 - 17 (USSR)

ABSTRACT: The authors describe a four-machine, continuous-casting installation designed jointly by the Giprostal' and the Tsentral'nyy nauchno issledovatel'skiy institut chernoy metallurgii (Central Research Institute for Ferrous Metallurgy). This installation is being built in the melting shop of the Stalino Metallurgical Works for casting four billets or slabs simultaneously of carbon and low-alloy steels from 140-ton ladles. Thickness and width ranges are 120-250 and 600-1200 mm, respectively and casting speed is 0.6-1.2 m/min. All units are in a 25-m dia. reinforced concrete-faced pit with its bottom 24 m below floor level; the pouring platform is 3 m above it. The platform has four 14-ton tundishes, two of which are in reserve. The tundishes can be quickly moved with the aid of rotary and lifting tables. The four moulds are of the independent-wall construction and each wall consists of an inner copper and an outer cast-iron plate with channels for cooling water between them; the mould for a particular size of billet

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The Largest Installation in the World for the Continuous Casting of Steel

is assembled in a special holder. There is a special device for lubricating the inner walls when pouring starts. The casting is started with the aid of three-part primer, 13.8 m long, with a swallow-tail top which forms a bottom for the mould. The primer is lowered by the machine roller system and is split into its component parts and stored. Each directing roller-section, with a total length of 10.5 m, consists of an upper and a lower part, the rollers being 140 x 1 200 mm. The billet is spray-cooled as it passes down the section and then enters the drawing stand provided with hollow, water-cooler rollers. Under each drawing stand is a flame-cutting installation which cuts the billet into lengths of 4.2 - 5.2 m. The cutting system descends at the casting speed and can be raised at 0.3 m/sec. The cut billets are raised by 16-ton lifts (one for each pair of machines) to the floor level. Instrumentation is provided on panels at the pouring and intermediate levels, television is available for remote observation and a loudspeaker system for intercommunication. A model of the installation is on exhibition at the Brussels fair. An annual saving of 9.4

Card 2/3

SOV/130-58-6-7/20

The Largest Installation in the World for the Continuous Casting of Steel

million roubles is expected from the use of the continuous instead of ordinary methods of casting.

There are two figures.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (Central Research Institute for Ferrous Metallurgy)

Card 3/3

1. Steel - Casting 2. Industrial plants - Equipment

BOYCHENKO, Mikhail Stepanovich; RUTES, Viktor Savel'yevich; FUL'MAKHT,
Veniamin Veniaminovich; TIMOSHENKO, N.N., red.; POZDNYAKOVA, G.L.,
red. izd-va; KARASEV, A.I., tekhn. red.

[Continuous casting of steel] Nepreryvnaia razlivka stali. Moskva,
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
1961. 301 p. (MIRA 14.10)

(Continuous casting)

FUL'MAN, N.I.
SALIN, A.A.; FUL'MAN, N.I.

Combined effect of antimony and impurities on the electrolysis of
zinc sulfate solutions. TSvet.met. 26 no.4:31-40 Jl-Ag '53.
(MIRA 10:10)

(Antimony) (Zinc sulfate) (Electrolysis)

FULMAN, N. I. (VNIITsvetmet, Ust'Kamenogorsk)

"On electrolysis of zinc at super-high current densities (to 20000 a/m²) on an electrolyzer with revolving socket cathode".

Report presented at the Intervuz Conference on Electrodeposition of Nonferrous Metals, Ural Polytechnical Institute im S. M. Kirov, Sverdlovsk, held from 27-30 May 1963.

(Reported in Tsvetnye Metally, No. 10, 1963, pp. 82-84)
JPRS 24,651; 19 May 1964

L 40918-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG
ACC NR: AP6020736 SOURCE CODE: UR/0136/66/000/006/0039/0044

AUTHOR: Ful'man, N. I.; Sokratova, L. A.; Shkuratova, L. I.

ORG: none

TITLE: Manufacture of high purity metals by amalgam refining

SOURCE: Tsvetnyye metally, no. 6, 1968, 39-44

TOPIC TAGS: amalgam, metal purification, zinc, indium, lead, cadmium, bismuth

ABSTRACT: The report describes and illustrates an electrolytic bath installation employing the selective solvent capacities of mercury and the selective charge properties of amalgams to derive high purity metals even from solutions containing impurities. The amalgam is produced by using mercury-soluble metal to be refined as the anode and the mercury as the cathode, or by dissolving powder, shavings, or solid metal in Hg while heating. The bath consists of an anode chamber, a cathode chamber and several intermediate compartments, all equipped with mixers and separated by partitions which terminate above the floor at the level of mercury occupying the entire bottom of the bath. The amalgam solution above the mercury can migrate from one chamber to another only through the mercury at the bottom. The process described was used to produce Zn, Zn powder, Pb, Cd, Bi, and In. The com-

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UDC: 669.2/.8:669.791.5

L 40918-66

ACC NR: AP6020736

position of initial electrolytes and optimal parameters of the process are listed. The process has been under development at the VNIIITSvetmet for several years. The metals produced by this method are up to world standards. A serious obstacle in the further increase in the purity of metals produced is the low sensitivity of the existing metal analysis methods. The work on producing the zinc was performed by E. I. Urubkova and Ye. S. Penkina, and the work on producing indium by P. P. Tsyb and V. I. Mal'tsev. Orig. art. has: 2 tables and 3 figures.

SUB CODE: 11, 13/ SUBM DATE: 00/ ORIG REF: 009/ OTH REF: 003

Card 2/2 11b

BALKANYI, Bertalan, okleveles kozgazdasz; FALLER, Gusztav, okleveles
banyamernok; FULMER, Jozsef, okleveles banyamernok

Some interesting data on the Moscow Mining Institute and
its research in mining economics. Bany lap 97 no. 5: 334-
336 My '64.

1. Ministry of Heavy Industry (for Faller).
2. Mecsek Coal Mining Trust (for Fulmer).

FULOP, Attila, dr., allatorvos

Secondary abdominal pregnancy in cattle. Magy allatorv lap 19
no.4:159 Ap '64.

FULOP, Bela, dr.

Favorable treatment of functional phonation disorders by novocaine infiltration of the nervus laryngeus superior. Magy. sebeszet 7 no.6:468-471 Dec 54.

1. A Hevesmelyei Tanacs Kerhaza Ful-, Orr-, Gegeosztalyanak kozlemenye, Eger. Foorvos: Fulop Bela dr.

(VOICE

aphonia, ther., procaine infiltration of superior laryngeal nerve)

(PROCaine, ther. use

aphonia, infiltration of superior laryngeal nerve)

(LARYNX, innerv.

superior laryngeal nerve, procaine infiltration in ther. of aphonia)

HUNGARY/Human and Animal Physiology (Normal and Pathological)
Internal Secretion. Adrenals.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 2683⁴

Author : Csordas, J., Fulop, T., Fulop, E., Schneider, J.

Inst : -

Title : The Influence of Chronic Malnutrition on the Functional
Ability of the System Hypophysis-Adrenal Cortex.

Orig Pub : Acta physiol. Acad. sci. hung., 1956, 9, Suppl., 35

Abstract : No abstract.

Card 1/1

FULOP, Elemer, okleveles kohomernok

The effect of sulphur-manganese relationship on the shape of the
tempered coal. (To be contd.). Koh lap 93 no.5: Suppl. Ontode 11
no.5:112-118 My '60.

FULOP, Elemer okleveles kohomernok

The effect of sulfur-manganese relationship on the shape of the
tempered carbon. Koh lap 93 no.6; Suppl. Ontode 11 no.6:133-137
Je '60.

FULOP, Elemer, okleveles kohomernok

Desoxidizing, desulfurizing and graphitizing effects of aluminum and their influence on the strength properties of the malleable cast iron. Koh lap 93 no.10; Suppl: Ontode 11 no.10:235-240. O '60.

FULOP, Elemer, okleveles kohomernok

Desoxidizing, desulfurizing, and graphitizing effects of aluminum
and their influence on the strength properties of malleable cast
iron. Koh lap 93 no.9: Suppl: Ontode 11 no.9:209-213 S '60.

FULOP, Eva

Cases of lichen ruber planus cured by ACTH. Borgyogy. vener. szemle
11 no. 4:151-154 Aug 57.

1. A Budapesti Orvostudomanyi Egyetem Bor- es Nemikortani Klinikajának
(I. gazgató: Foldvari Ferenc dr. egyetemi tanár) közleménye.
(LICHEN PLANUS, ther.
ruber, ACTH (Hun))
(ACTH, ther. use
lichen ruber planus (Hun))

SZASZI, Eva, dr.; FULOP, Eva, dr.

Our experiences with the treatment of patients with alopecia by implants of the hypophysis. Borgyogy. vener. szemle 37 no.4:174-176 Jl '61.

1. A Budapesti Orvostudomanyi Egyetem Bor- es Nemikortani Klinikajának (Igasgató: Foldvari Ferenc dr. egyetemi tanár) közleménye.

(PITUITARY GLAND transpl) (ALOPECIA ther)

FOLDVARI, Ferenc, dr.; VERTES, Bodog, dr.; FULOP, Eva, dr.

On the pathomechanism and importance of cutaneous atrophy caused by
steroids. Borgyogy. vener. szemle 37 no.6:241-245 D '61.

1. A Budapesti Orvostudomanyi Egyetem Bor- es Nemikortani Klinikajának
(Igazgató: Foldvari Ferenc dr. egyetemi tanár) közleménye.

(STEROIDS toxicol) (SKIN dis)

FULOP, György, dr.

Experiences with steroid therapy of patients with alopecia. Orv. hetil.
103 no.9:408-409 Mr '62.

1. Budapesti Orvostudományi Egyetem, Bőr- és Nemikortani Klinika.

(ALOPECIA ther) (PREDNISOLONE ther)

FOLDVARI, Ferenc, dr.; VERTES, Bodog, dr.; FULOP, Eva, dr.

On the pathomechanism of skin hemorrhages during steroid treatment.
Borgyogy. vener. szemle 39 no.3:97-101 Jé '63.

1. A Budapesti Orvostudomanyi Egyetem Bor- es Nemikortani Klinika-
janak (Igazgato: Foldvari Ferenc dr. egyetemi tanar) kozlemenye.
(PURPURA) (STEROIDS) (ADRENAL CORTEX HORMONES)
(PEMPHIGUS) (LUPUS ERYTHEMATOUS, SYSTEMIC)

HUNGARY

FULOP, Eva, Dr., SIMONI, Janos, Dr; Medical University of Budapest, Dermatological and Venereological Clinic and II. Medical Clinic (Budapesti Orvostudomanyi Egyetem, Bors- es Nemikortani Klinika es II. Belgyogyaszati Klinika).

"Systemic Lupus Erythematosus Manifested by Severe Skin Lesions, After Splenectomy."

Budapest, Orvosi Hetilap, Vol 104, No 31, 4 Aug 1963, pages 1468-1470.

Abstract: [Authors' Hungarian summary] The medical history of a 16 year-old girl is described. At the beginning of the second year after the appearance of the first symptoms (monosystemic L.E.), an unusually large, pressure-sensitive spleen developed. Splenectomy was performed because of suspicion of venous thrombosis of the spleen. After this, the SLE manifested itself in severe skin lesions and the patient died. In cases of SLE, where idiopathic thrombocytopenia is not present, splenectomy seems to be disadvantageous.

1/1

2 cases of extensive leiomyoma. Borsgyogy vener. szemle. 40
no.4:178-179 Ag '64.

1. A Budapesti Orvostudomanyi Egyetem Bors- es Nemikortani Klinika
(igazgato: Foldvari Ferenc dr. egyetemi tanar) koolemenye,

FULOP, Eva, dr.

Cases of herpes zoster during a prolonged steroid therapy.
Orv. hetil. 105 no.27:1273-1275 5 Jl'64

1. Budapesti Orvostudomanyi Egyetem, Bor- es Nemikortani
Klinika.

Obstetrics and Gynecology

HUNGARY

TOTH, Bela, Dr, FULOP, Eva, Dr, SIMON, Jozsef, Dr; XIX. District Council Ambulant Specialist Services (XIX. Keruleti Tanacs Szakrendelo Intezet), and Capital City Istvan Hospital, Obstetrical-Gynecological Ward (chief physician in charge of the region: SZOLNOKI, Ferenc, Dr) (Fovarosi Istvan Korhaz, Szulo-Nobeteg Osztaly), and Medical University of Budapest, Dermatological-Venereological Clinic (director: FOLDVARI, Ferenc, Dr) (Budapesti Orvostudomanyi Egyetem, Bor- es Nemikortani Klinika).

"The Interrelationship Between Diffuse Scleroderma and Pregnancy."

Budapest, Orvosi Hetilap, Vol 108, No 11, 12 Mar 67, pages 505-508.

Abstract: [Authors' Hungarian summary modified] The interrelationship between diffuse scleroderma and pregnancy was studied in three cases. All three cases had a history of repeated, spontaneous abortions. In one case, the pregnancies did not proceed past the first trimester and spontaneous abortions occurred. In the other two cases, smaller fetuses than expected according to their term, so-called "pseudo-premature" infants were delivered. In one case, a severe developmental anomaly occurred following steroid treatment during the pregnancy. In response to prolonged adrenocortical hormone treatment, however, a secondary sterility was relieved in the early phase of the disease in two cases. Because of the increased endogenous ACTH effect during pregnancy, the condition of the patients was temporarily improved, without medication, both in the subjective sense and according to objective tests. After the

FULOP, Ferenc

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000513910005-7

Labor productivity in the field of transportation. Vasut 15
no.5:12-14 My '63.

1. Pecsi Igazgatosag osztaly vazatoje

FULOP, Ferenc (Pecs)

Role of the Hungarian State Railways in the transit of goods
arriving from the Adriatic harbors. Vasut 14 no.7:30-31 J1
'64.

FULOP, Ferenc (Peos)

Current problems of limestone transportation from Nagyharsany.
Vasut 15 no.1:13-14 Ja '65.

FULOP, Gabor

Interesting initiatives. Mezogasz techn 1 no.7:8 '61.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513910005-7

FULOP, Gabor

It is no longer a scarce item. Mezogazd techn 3 no.1:2-3 '63.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513910005-7"

FULOP, Gabor

First plowing after the harvest. Mezogazd techn 3 no.7:
2-3 '63.

FRISS, Antal; FULCP, Istvan

Modern production technology of cotton type polyamide yarns.
Magy textil 17 no.1:19-25 Ja '65.

1. Light Industry Designing Office, Budapest.

FULOP, Janos

Determination of the heat conduction factor of building materials and thermal insulators from the transient thermal condition. Epuletgepeszet 12 no.5:156-160 O '63.

1. Epitoipari Tudomanyos Egyesulet.

DARABOS, Laszlo, dr.,; FULOP, Jozsef, dr.

Research results on chromium allergy. Borgyogy. vener. szemle 8 no.5:
142-146 Sept 54.

1. Komarom Megyei Tanacs VB. Bor-es Nemibeteggondozó Intezetenek
(Esztergom) es az Eternitgyar Uzemorvosi Rendelojenek (Nyergesujfalu)
kozlemenye.

(DERMATITIS, CONTACT, etiology and pathogenesis
chromium)

(CHROMIUM, injurious effects
dermatitis, contact)

FULOP, J.

Geologic examination of the Mesozoic mound in Tata, p. 309.
FOLDTANI KOZLONY. BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY, Budapest, Vol.
24, no. 4, Oct./Dec. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

FILIP, J.

Libor, O.; Meisel, J. Geologic and chemical examination of the deposit of gluconite in Bakonybel, p. 326.

FOLDTANI KOZLONY. BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY, Budapest, Vol. 24, no. 4, Oct./Dec. 1954.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

FULOP, Jozsef, dr.

DANYI, Mihaly, dr.; FULOP, Jozsef, dr.; GYULAI, Erno, dr.; SCHULHOF,
Odon, dr.; Szanto, Lasslo, dr.

Spontaneous symmetrical fractures; Milkman's syndrome. Orv hetil
(MEAL 3:8)
95 no.18:482-486 My '54.

1. Az Orszagos Reuma es Furdougyi Intezet es a Balneologial Kutato
Intezet (igazgato-foorvos: Dubovitz Denes dr., tudomanyos vezeto
Schulhof Odon dr.) II. sz. Belosztalyanak (foorvos: Szanto Lasslo
dr.) Reuma Osztalyanak (foorvos: Schulhof Odon dr.) B-reuma
Osztalyanak (foorvos: Danyi Mihaly dr.) kozlemenye.

(BONES, dis.

*Milkman's synd.)

FULOP, JOZSEF

FULOP, Jozsef; WALKO, Rozsa

Myositis ossificans after hemiplegia. Magy radiol. 9 no.2:114-116
July 57.

1. Az Orszagos Rheuma es Furdougyi Intezet (igazgato: Dubovitz Denes dr.) Rontgen Osztalyanak (foorvos: Fulop Jozsef dr.) kozlemenye.
(HEMIPLEGIA, compl.

myositis ossificans of hip (Hun))

(MYOSITIS, etiol. & pathogen.

ossificans of hip after hemiplegia (Hun))

(HIP, dis.

myositis ossificans after hemiplegia (Hun))

EXCERPTA MEDICA Sec 1st Vol 13/10 Radiology Oct 59

1950. ACETABULAR PROTRUSION - Protrusio acetabuli - Földp J. and
Walco R. Országos Reuma és Fürdőgyi Intéz., Budapest - MAG.
RADIOL. 1958, 10/4 (224-232) Illus. 8

Among 5,000 roentgenograms of the hip joint, 32 cases of acetabular protrusion could be found: 28 occurred in female subjects, and 4 in males. Eighteen were primary protrusions and 14 secondary, due to coxitis, Paget's disease, trauma, tumour metastases, polyarthritis and Bechterew's disease. Primary protrusions may be of hormonal origin. In certain cases, relief of the pains may be obtained by radiotherapy. In cases with otherwise intractable pain, arthrodesis of the hip joint may be considered.

Györgyi - Budapest (XIV, 9, 18)

FULOP, Jozsef

Elemer Vadasz is 75 years old. Foldt kozl 90 no.l:3-7 Ja/Mr '60.
(EEAI 9:8)

(Vadasz, M. Elemer)
(Geologists, Hungarian)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513910005-7

FULOP, Jozsef; HAMOR, Geza; HETENYI, Rudolf; VIGH, Gusztav

Jurassic formations of the Vertes Mountains. Foldt kozl 90 no.1:
15-26 Ja/Mr '60. (EEAI 9:8)
(Hungary--Paleontology)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513910005-7"

FULOP, Jozsef, dr.ac.

The 1961 activity of the Hungarian State Institute of Geology. Foldt kozl 92 no.3:336-337 J1-O '62.

1. Magyar Allami Foldtani Intezet igazgatoja,es "Foldtani Kozlony" szerkeszto bizottsagi tagja.

HUNGARY

FILÓF, László, Dr., senior veterinary specialist (magyarországi orvos);
Miskolc."

"Principles, Plans and Results in Attempts to Improve the Hungarian Food
Production in Borsod-Abaúj-Zemplén Megye."

Budapest, Magyar Állatorvostok Lapja, Vol 1d, No 2, pp 1-11, pp 29-35.

Abstract: The author describes the findings of the testing of milk,
milk products, dairy equipment and the hygiene of dairy personnel and
of dairy animals, in Borsod-Abaúj-Zemplén megye during 1953-1954. It
revealed a very serious need for the institution of rules con-
cerning the pure production. Steps taken toward the improvement of
the hygiene of the places of milk production, the securing of proper
material and equipment, the institution of a small-laboratory network,
and the development of the dairy houses of large farms, are described
in note 2. These efforts are considered to be helpful also in the em-
ental development of a national hygiene control regulation. There are
six Hungarian references.

241

FULOP, Jozsef, dr.; GECZY, Barnabas, dr.

Decision on the proposal made by the Luxemburg colloquium
on the Jurassic period. Foldt kozl 94 no.1:152-153
Ja-Mr '64.

1. President, Hungarian Committee, Mesozoic Mediterranean
Committee (for Fulop). 2. Secretary, Jurassic Subcommittee
(for Geczy).

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513910005-7

FULOP, J.

Conference on Lower Cretaceous Stratigraphy in Lyon.
Foldt kozl 94 no.1:153-154 Ja-Mr '64.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513910005-7"

FÜLÖP, Jenőf, dr.; BALOGH, Károly, dr.

Proposal for the nomenclature of the Lower Trias and the stratigraphy
of the Rhaetic stage. Földtani Közlöny 94 no.2:267-268 Ap-Jó '64.

1. Editorial board member, "Földtani Közlöny" (for Balogh).

FULOP, Jozsef, a fold-es asvanytani tudomanyok doketra

A comprehensive geophysical survey of Hungary. Magy tud 72 no.1:
38-41 Ja '65.

1. Director, Hungarian State Geological Institute, Budapest.

L 13^e1h-66

ACC NR: AP6006883

SOURCE CODE: HU/0036/65/072/001/0038/0041

AUTHOR: Fulop, Jozsef--Fyulep, L. (Doctor of geological and mineralogical sciences,
Director)ORG: Hungarian State Institute of Geology (Magyar Allami Foldtani Intezet) 26
BTITLE: Overall geophysical study of Hungary

SOURCE: Magyar tudomany, v. 72, no. 1, 1965, 38-41

TOPIC TAGS: geophysical research facility, geophysics, crude petroleum,
mineralogy, coal, prospecting, research program

ABSTRACT: A historical survey of the work conducted at the Institute of Geophysics at the University of Budapest is followed by a brief report of its activities since the centralization of research activities and consequent expansion of the institute between 1948-51. The work at the Geophysical Observatory in Tihany began in 1954. The institute is now equipped with valuable instruments. Crude oil research has been conducted by an independent group since 1952, radioactive research has from the beginning been conducted by a separate geophysical service. Much work was done on the development and application of methods used for drilling test holes for coal, ore, mineral and water. Future plans should, in the author's opinion, include the systematic, comprehensive geophysical study of the country, the presentation of all results in the form of maps and monographs. The advanced study of the long-range promise of useful minerals and large scale practical aims may

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L 13514-66

ACC NR: AP6006883

decrease the risks of investment into them. A division of geological research tasks is needed with the present scale of activities. Some detailed practical plans are presented for the realization of these future requirements by the institute. [JPRS]

SUB CODE: 08 / SUBM DATE: none

O

Card 2/2 DR

HUNGARY

WALKO, Dr Rozsa, National Institute for Rheumatism and Curative Spas (Orszagos Reuma es Furdoughi Intezet)(Director: Prof Dr Karoly FARKAS, Doctor of Medical Sciences), X-Ray Department (Rontgen Osztaly)(Chief physician: Dr Jozsef FULOP, Candidate of Medical Sciences)

"Importance of Anterior Spondylitis and Spondylodiscitis in the Radiological Diagnosis of Bechtere's Disease"

Budapest, Magyar Radiologia, Vol 18, No 6, Dec 66; pp 321-332

Abstract [Author's English summary]: On the basis of the examination of 400 patients with Bechtere's disease, its early radiological symptoms are dealt with. Cuboid vertebrae were found in 43.5% of the patients and X-ray signs characteristic of anterior spondylitis were present in 5%. Among the examined patients, spondylodiscitis was found in 62 cases, especially women. In the case of early sacroiliac symptoms cuboid vertebrae were found in 10%, and spondylodiscitis in 16%. In the patients suffering from Bechtere's disease, the early demonstration of the radiological symptoms in the vertebral column is of great practical importance. 32 references, mainly Western.

1/1

Barat Gyanyu textilmernok; FULOP Jozsefna, dr., iparagi elocchio; KISS, Janosna, textiltechnika;

APPROVED FOR RELEASE: 03/13/2001 Marc CIA-RDP86-00513R000513910005-7

Standardization of knitting industry products. Szabvany kozl
17 no.3:129-133 Mr '65.

1. Hungarian Bureau of Standards, Budapest (for Barat). 2. Commercial Quality Control Institute, Budapest (for Fulop). 3. Ministry of Light Industry, Budapest (for Kiss). 4. Quality Control Institute of the Textile Industry, Budapest (for Oblatt).

FULOP, K.

SCIENCE

PERIODICALS: ~~ACTA ZOOLOGICA. Vol. 4, No. 7/8 July/Aug. 1958~~

~~MAGYAR KERESI POLYOFUAT. Vol. 64, No. 7/8 July/ Aug. 1958~~

Fulop, K. Polarographic behavior of the H₂O₂-OsO system. p. 247

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

c1 FULOP, L.

The determination of carotene. László Fulop. *Bull. Faculty Hort. Vilnius Univ. Agr. Sci., Budapest* 10, 182-81 (1944) Publ. 1945. Detailed expts. with samples of carrots, spinach, and red paprika proved that extn. with petroleum ether gives reliable data without sapon. If direct chromatography is used. For chromatography a CaCO_3 column should be used for carrot and spinach extn., and a Ca(OH)_2 column for red paprika. This modification makes the tedious hot sapon. and the sapon. by means of MeOH unnecessary.
István Finály

RUMANIA / Chemical Technology, Chemical Products and Their Application. Pharmaceuticals. Vitamins. Antibiotics.

H-17

Abs Jour : Rof Zhur - Khimiya, No 5, 1959, No. 16515

Author : Martonfi, L.; Fulop, L.; Sarudi, L.; Szantho, E.

Inst : Not given

Title : Problems in the Preparation and Stabilization of Oily Contrasting Preparations

Orig Pub : Rev. med. (R.P.R.), 1956, 2, No 3, 73-74

Abstract : The investigation covers possibilities of substitution of poppy seed and sesame oils in the contrasting preparations (CP). A method of obtaining CP from sunflower seed oil is reported. The obtained CP preparation conforms with the requirements of the VIII Soviet Pharmacopoeia in the matter of iodine content, impurities, and stability. -- E. Natkhan

Card 1/1

H-58

COUNTRY : RUMANIA
 CATEGORY : Chemical Technology, Chemical Products and Their
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000513910005-7
 ABS. JOUR. : RZhKhim., No 19, 1959, No. 68770
 AUTHOR : Martonfi, L.; Sarudi, L.; Fulop, L.
 INSTITUTE :
 TITLE : Study of Problems Involved in the Preparation of Sunflower Oil for Injections
 ORIG. PUB. : Rev. med. (RPR), 1958, 4, No 3-4, 200-24

ABSTRACT : With the purpose of developing more complete characteristics of sunflower oil used for the injections, it is proposed to introduce additional specifications into the Rumanian Pharmacopeia VII that involve application of the Kreys' reaction and the establishment of a peroxide number of 10 for such an oil. It has been established that there is no relationship between the acid number and the degree of oil deterioration. -- A. Marin

Card: 1/1

HÜLÖP, L.

RUMANIA

Pharmacist

Medical and Pharmaceutical Institute, Targu Jiu, Mures-Saxonian Autonomous Region.

Bucharest, Farmacia, Revista a Uniunii Societătilor de Stiinte Medicale din Republica Populara România, No. 2, Act V, pp. 62, no 545-579.

"Complexometric Determination of Hypophosphites. I. Complexometric Titration of Alkaline Hypophosphites." (Paper Compiled in the Department for Analytical Chemistry, under the direction of Lecturer P. SOCS, and in the Department for Pharmaceutical Chemistry, under the direction of L. MARINOVY, Professor, of the Medical and Pharmaceutical Institute in Targu Jiu, Mures-Saxonian Autonomous Region.)

Co-author: HAZSEK, A.

1 of 2

CSENKAR, Bela, dr.; FULOP, Lajos, dr.

Buerger's disease causing necrosis of the sigmoid colon.
Orv. hetil. 105 no. 31:1471-1472 2 Ag '64.

1. Heves Megyei Tanacs Korhaza, I. Sebeszeti Osztaly, Eger.

FULOP, Laszlo (Nagybatony); LACZAY, Ede

Forum of innovators. Ujito lap 12 no.7:30-31 10 Ap '60.

l. Ujito (for Laczay).

FULOP, M.

1954, M.

HIGI, M. Slicing tables as an efficient device for technical personnel. p. 31.

No. 23, Dec. 1955.

ISSN 0131-0107.

TECHNICKY

Budapest, Hungary

To: East European Accesision, Vol. 5, No. 5, May 1956

FULOI, MARGIT.

Margit neni sütémenyes könyve. (Budapest) Minerva, 1957. 115 p. (Aunt Margit's pastry book. illus., index)

SO: Monthly Index of East European Accession (EEAI) : C Vol. 7, No. 3, 1958

FULOT, S.

FULOT, S.

"Instructions of the Ministry of Light Industry for the Preparation of
Quarterly Plans in Enterprises in 1954", P. 4. (TOPTEPEKES, Vol. 8,
No. 1, Jan. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

FULOP, TAMAS

A magyar egeszsegugy szervezete; gyakorlati vezetfonal; egyetemi jogyzet.
Osszellitotta; Fulop Tamas. Fuggeleket osszeallitottak: Bartha Ferenc es
Kondor Laszlo. 1956/57. tanev. (Debrecen) 1956. Budapest, Hungary. 218 p.
and portfolio.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, November 1959,
Uncl.

FULOP, Tamas, Dr.; LEIKES, Gyorgyne, Dr.

Industrial care in the plants of the city of Debrecen. Nepegeszsegugy
39 no.1-2:22-26 Jan-Feb 58.

1. Kozlemeny a Debreceni Orvostudomanyi Egyetem Kozegeszsegtani Intexetebol (igazgato: Jeney Endre dr. Egyetemi tanar, az orvostudomanyok doktora).

(INDUSTRIAL HYGIENE
med. serv. in factories in Debrecen (Hun))

FULOP, Tamas, Dr.; KONDOR, Laszlo, Dr.

Attempt on the eradication of helminths in the inhabitants of a village suffering from helminthiasis. Nepegeszsegugy 39 no.5-6:145-147 May-June 58.

1. Kozlemeny a Debreceni Orvostudomanyi Egyetem Kozegeszsegtni Intezetebol (igazgato: Jeney Endre dr. egyet. tanar, az orvostudomanyok doktora).

(PIPERAZINES, ther. use

piperazine adipate in inhabitants of a helminth-infected village in Hungary (Hun))

FULOP, Tamas, dr.

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1. Kozlemeny a Debreceni Orvostudomanyi Egyetem Kozegeszseggtani Intezetebol (Igenzato: Jeney Endre dr. egy. tanar, az orvostudomanyok doktora).
(CHILD WELFARE)